

Notice of Allowability

Application No.

10/800,387

Applicant(s)

KIM, YONG-JIN

Examiner

MY-CHAU.T. TRAN

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/11/2007.
2. ☒ The allowed claim(s) is/are 1-5 and 7-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____


RICHARD HJERPE

SENIOR PATENT EXAMINER

ART UNIT 2600

REASONS FOR ALLOWANCE

Application and Claims Status

1. Applicant's amendment and response filed 05/11/2007 are acknowledged and entered.
2. Claims 1-6 were pending. Applicants have amended claims 1-5; cancelled claim 6; and added claims 7-14. Therefore, claims 1-5 and 7-14 are currently pending.
3. The following is an examiner's statement of reasons for allowance:

The instant claims are allowed for the reason that the cited prior arts does not teach or fairly suggest the presently claimed method for plasma display wherein the method comprise the step of *"arranging, in time sequence, a plurality of subfields each having a brightness weight, and achieving gray-scale representation by a combination of one or more of the plurality of subfields, the gray-scale representation including a plurality of gray scales of increasing value, every two adjacent gray scales including a higher gray scale of a first value and a lower gray scale of a second value, the second value being higher than the first value, each subfield of the plurality of subfields including an address period and a sustain period, an address pulse capable of generating light being provided during the address period and sustain pulses capable of generating light being provided during the sustain period"* for instant claim 1 and the steps of *"arranging a plurality of subfields each having a brightness weight and each including an address period and a sustain period, light being generated during the address period and during the sustain period, the brightness weight corresponding to the light generated during the sustain period, the light generated during the sustain period corresponding to a number of sustain*

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pulses occurring during the sustain period; obtaining the gray-scale representation from one subfield or from a combination of two or more of the subfields, the one subfield and the two or more of the subfields being selected subfields from among the plurality of subfields, the gray-scale representation including gray scales, each gray scale corresponding to a light generated during the selected subfields, the light generated during the selected subfields including a summation of the light generated during the address period of each subfield of the selected subfields and the light generated during the sustain period of each subfield of the selected subfields” for instant claim 7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MY-CHAU T. TRAN whose telephone number is 571-272-0810. The examiner can normally be reached on Monday: 8:00-2:30; Tuesday-Thursday: 7:30-5:00; Friday: 8:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Richard A. Hjerpe can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/My-Chau T. Tran/
Patent Examiner
Art Unit 2629
June 1, 2007



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600